

WestRock

# CarrierKote®

**Wet, cold environments have met their match.**

WestRock CarrierKote® is a high-performing unbleached kraft paperboard that delivers consistency, time and again. Engineered for strength and to address the demands of wet and cold environments, it's no wonder CarrierKote has become the worldwide industry standard for beverage carton packaging. The coated side features a smooth, glossy surface for exceptional printability that results in stunning billboard graphics that demand attention. You can also expect outstanding converting performance, especially in the areas of die-cutting, folding, and gluing.



## Packaging Uses

Beverage  
Filter Frames

## Product Classification

Coated Natural Kraft®  
CNK® Paperboard  
Coated Unbleached Kraft

## What You Can Expect from Us

### Strength and Integrity

CarrierKote's excellent strength properties provide packaging integrity in wet and cold environments, common in the beverage industry.

### Printability

CarrierKote's proprietary clay coating gives it a smooth, opaque surface and enables crisp, vibrant graphics. You can expect great shelf-appeal.

### Stiffness-to-Weight Ratio

Stiffness levels can be achieved at lower calipers and at lower weights than competitive substrates. This can help support your cost reduction and sustainability efforts.

### Versatility

CarrierKote permits a great deal of packaging design flexibility. You can explore options such as handles, windows, and apertures.

### Consistency

All CarrierKote paperboard is produced at a single mill. Hence, you can expect consistent composition and quality across all of your orders.

### Recycled Fiber Content

Produced with up to 15% recycled fiber, providing an option for meeting your corporate sustainability goals.

## Additional Product Information

### Sustainability

Made with recycled fiber and is recyclable. All WestRock North American paperboard mills are certified to the SFI®, PEFC™, FSC™ Chain of Custody Standards. Contact your WestRock sales representative for certified fiber availability for this product.

### Food Contact

Contact your sales representative for information on specific markets and end uses.

### Quality

Produced at an ISO 9001 certified facility.

### Environmental and Safety

Notices under US California Proposition 65 and the EU REACH regulation are not required. Meets heavy metal limits of the US Model Toxics in Packaging rules and Article 11 of EU Directive 94/62/EC.

## Grade Availability & Typical Properties (U.S.)

CarrierKote®

Grade Availability by Caliper													Units	Method
<b>Caliper (pts)</b>	0.016	0.018	0.020	0.021	0.022	0.023	0.024	0.025	0.026	0.027	0.028	inches	T-411	
<b>Nominal Basis Weight</b>	66	72	78	82	85	89	92	96	99	103	106	lbs/MSF	T-410	
<b>Moisture</b>	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	percent	T-412	
<b>ZDT</b>	35	35	35	35	35	35	35	35	35	35	35	psi	T-541	
Elmendorf Tear														
<b>Dry</b>	<b>MD</b>	430	490	555	585	600	630	655	680	720	750	785	gf	T-414
	<b>CD</b>	475	540	595	630	650	680	705	735	765	825	850	gf	T-414
<b>Wet</b>	<b>MD</b>	400	450	500	530	570	575	600	630	655	680	700	gf	
	<b>CD</b>	425	504	548	570	600	615	630	655	675	715	730	gf	
Stiffness														
<b>Taber 15°</b>	<b>MD</b>	191	257	333	376	420	468	518	570	626	683	744	gf-cm	T-489
	<b>CD</b>	87	115	151	171	194	218	244	272	302	334	367	gf-cm	T-489
Smoothness														
<b>Sheffield</b>	150	150	150	150	150	150	150	150	150	150	150	150	mL/min	T-538
Coated Side														
<b>Parker Print</b>	2	2	2	2	2	2	2	2	2	2	2	2	µm	T-555
<b>GE Brightness</b>	74	74	74	74	74	74	74	74	74	74	74	74	percent	T-452
Color														
<b>Hunter</b>	<b>b</b>	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	L-a-b	T-524

## Grade Availability & Typical Properties (Metric)

Grade Availability by Weight													Units	Method
<b>Thickness</b>	406	457	508	533	559	584	610	635	660	686	711	microns	T-411	
<b>Nominal Basis Weight</b>	322	352	381	400	415	435	449	469	483	503	518	gsm	T-410	
<b>Moisture</b>	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	percent	T-412	
<b>ZDT</b>	241	241	241	241	241	241	241	241	241	241	241	J/m <sup>2</sup>	T-541	
Elmendorf Tear														
<b>Dry</b>	<b>MD</b>	430	490	555	585	600	630	655	680	720	750	785	gf	T-414
	<b>CD</b>	475	540	595	630	650	680	705	735	765	825	850	gf	T-414
<b>Wet</b>	<b>MD</b>	400	450	500	530	570	575	600	630	655	680	700	gf	
	<b>CD</b>	425	504	548	570	600	615	630	655	675	715	730	gf	
Stiffness														
<b>Taber 15°</b>	<b>MD</b>	18.7	25.2	32.7	36.9	41.2	45.9	50.8	55.9	61.4	67.0	73.0	mNm	T-489
	<b>CD</b>	8.5	11.3	14.8	16.8	19.0	21.4	23.9	26.7	29.6	32.8	36.0	mNm	T-489
Smoothness														
<b>Sheffield</b>	150	150	150	150	150	150	150	150	150	150	150	150	mL/min	T-538
Coated Side														
<b>Parker Print</b>	2	2	2	2	2	2	2	2	2	2	2	2	µm	T-555
<b>GE Brightness</b>	74	74	74	74	74	74	74	74	74	74	74	74	percent	T-452
Color														
<b>Hunter</b>	<b>b</b>	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	-2.6	L-a-b	T-524

Values are subject to change without notice.

For more information, please contact your WestRock representative or visit our website at [westrock.com](http://westrock.com).

The information contained in this Product Guide is accurate to the best of WestRock's knowledge and belief. It is intended, however, only as an introduction to the typical properties of the product. WestRock disclaims any guarantee or warranty with respect to the accuracy of this information or, based on this document, with respect to the suitability of the product for any particular use, including, but not limited to, the compliance of the product with laws, regulations, or standards. This information is subject to change without notice.

Certificate Codes: SFI Certified Sourcing: NSF-SFI-CS-6S751, SFI CoC: NSF-SFICOC-6S751, PEFC: NSF-PEFCOC-6S751, FSC Company Code: FSC-C104002

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